

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

1. A chuck for angular offset woodturning, said chuck comprising a first member adapted to be removably secured to a headstock spindle of a lathe, and a second member adapted to support a workpiece and removably secured to said first member in such a manner that said second member may be oriented with respect to said first member between at least two configurations, said first member having a first longitudinal axis substantially coaxial with an axis of rotation of said spindle and said second member having a second longitudinal axis, and in one of said configurations said second longitudinal axis is substantially coaxial with said first longitudinal axis, and in the or each other configuration said second longitudinal axis is angularly offset to said first longitudinal axis, and wherein said chuck further comprises releasable fastening means incorporating alignment members allowing said second member to be repeatedly secured in either one of said two configurations and that in said other configuration said second axis lies relative to said first axis at one of a limited number of predetermined angular offsets.
2. A chuck as claimed in claim 1, wherein said first member has a first engaging end with a first bore therein for engagement with said headstock spindle, and a first abutment end and said second member has a second engaging end with a second bore therein for engagement with said workpiece and a second abutment end adapted to abut and be removably secured to said first abutment end.
3. A chuck as claimed in claim 2, wherein said second bore includes a female thread adapted to cut into said workpiece for attachment of said workpiece to said second member.
4. A chuck as claimed in claim 2, wherein said first abutment end is angularly offset to the plane perpendicular to said first longitudinal axis by a predetermined angle and wherein said second abutment end, is also angularly offset to the plane perpendicular to said second longitudinal axis by said angle.

5. A chuck as claimed in claim 2, wherein said fastening means comprises a screw extending from the face of said first bore engagable with said second member.
6. A chuck as claimed in claim 5, wherein the abutment end of one of said workpiece support member or said lathe engaging member includes at least four concentric cavities and the axis of said screw passes through the centrepoint defined by said cavities and wherein the abutment end of the other member includes pins which are configured to engage with said cavities in such a way that while said pins are engaged with said cavities the orientation of said first member is fixed with respect to said second member.
7. A chuck as claimed in claim 1, wherein said at least two configurations are two or more configurations.
8. A chuck as claimed in claim 1, wherein said first member and said second member comprise indicia on their outside surfaces which indicate their orientation in relation to each other.